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1449/PTO	U.S. Department of Commerce Patent and Trademark Office	Application No. : 09/179,156
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Sheet 1 of 1		Filing Date :
		First Named Inventor : H. WATANABE
		Group Art Unit :
		Examiner Name :
		Attorney Docket No. : FUJS 15.541

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document	Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
NM		5,818,827		USUI ET AL.	10-06-1998	
		5,722,062		NAKANISHI ET AL.	03-24-1998	
		5,878,087		ICHIHARA	03-02-1999	
		6,222,831		KOFUNE	04-24-2001	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
NM		9-51321	JP	SONY CORP	02-18-1997	Corresponds to US Patent 5,818,827
NM		7-336283	JP	OKI ELECTRIC IND CO LTD	12-22-1995	Corresponds to US Patent 5,722,062
NM		7-95122	JP	NIPPON ELECTRIC CO	04-07-1995	Corresponds to US Patent 5,878,087
NM		9-107299	JP		04-22-1997	
		5-501794	JP		04-02-1993	Corresponds to PCT Application WO 92/03892
NM		WO 92/03892	PCT	MOTOROLA, INC.	03-05-1992	
NM		10-271028	JP	ALPS ELECTRIC CO LTD	10-09-1998	Corresponds to US Patent 6,222,831

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check here if English language translation attached
NM		Notification of Reasons for Rejection mailed on August 1, 2006	X

Examiner Signature	/Naghmeh Mehrpour/	Date Considered	12/07/2006
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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1<sup>6</sup> if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.